

CLAIMS

1. A method for sending multiple ephemeral terminations IDs to be taken out of service in a service change message comprising:
 - 5 determining a group of ephemeral termination IDs that are to be taken out of service;
 - creating a service change message that includes reference to multiple ephemeral termination IDs; and
- 10 sending the service change message that includes an indication of a plurality of ephemeral termination IDs that are to be taken out of service.
- 15 2. A method for sending multiple ephemeral terminations IDs to be taken out of service in a service change message in accordance with claim 1, wherein the step of creating a service change message comprises creating a service change message in accordance with the ITU-T H.248 standard.
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3. A method for sending multiple ephemeral terminations IDs to be taken out of service in a service change message in accordance with claim 1, wherein the step of creating a service change message comprises utilizing the extension field of the service change message.
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4. A method for sending multiple ephemeral terminations IDs to be taken out of service in a service change message in accordance with claim 1, wherein the step of creating a service change message comprises creating a service change message comprising a list of termination identifications that correspond to the plurality of ephemeral termination IDs that are to be taken out of service.
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5. A method for sending multiple ephemeral terminations
IDs to be taken out of service in a service change
message in accordance with claim 1, wherein the step of
5 creating a service change message comprises creating a
service change message comprising a range of termination
identifications that correspond to the plurality of
ephemeral termination IDs that are to be taken out of
service.

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6. A method for sending multiple ephemeral terminations
IDs to be taken out of service in a service change
message in accordance with claim 1, wherein the step of
creating a service change message comprises creating a
15 service change message comprising a list of termination
identifications and a range of termination
identifications that correspond to the plurality of
ephemeral termination IDs that are to be taken out of
service.

7. A method for sending multiple ephemeral termination IDs to be restored into service in a service change message comprising:

- 5 determining a group of ephemeral termination IDs that are to be restored into service;
- creating a service change message that includes reference to multiple ephemeral termination IDs; and
- 10 sending the service change message that includes an indication of a plurality of ephemeral termination IDs that are to be restored into service.

8. A method for sending multiple ephemeral terminations IDs to be restored into service in a service change message in accordance with claim 7, wherein the step of creating a service change message comprises creating a service change message in accordance with the ITU-T H.248 standard.

20 9. A method for sending multiple ephemeral terminations IDs to be restored into service in a service change message in accordance with claim 7, wherein the step of creating a service change message comprises utilizing the extension field of the service change message.

25 10. A method for sending multiple ephemeral terminations IDs to be restored into service in a service change message in accordance with claim 7, wherein the step of creating a service change message comprises creating a 30 service change message comprising a list of termination identifications that correspond to the plurality of ephemeral termination IDs that are to be restored into service.

11. A method for sending multiple ephemeral terminations IDs to be restored into service in a service change message in accordance with claim 7, wherein the step of creating a service change message comprises creating a 5 service change message comprising a range of termination identifications that correspond to the plurality of ephemeral termination IDs that are to be restored into service.
- 10 12. A method for sending multiple ephemeral terminations IDs to be restored into service in a service change message in accordance with claim 7, wherein the step of creating a service change message comprises creating a service change message comprising a list of termination 15 identifications and a range of termination identifications that correspond to the plurality of ephemeral termination IDs that are to be restored into service.

13. A method for receiving multiple ephemeral terminations IDs to be taken out of service in a service change message comprising:

receiving a service change message that includes an
5 indication of a plurality of ephemeral termination IDs
that are to be taken out of service;

extracting the multiple ephemeral termination IDs
that are to be taken out of service from the service
change message; and

10 removing the group of ephemeral termination IDs from
service.

14. A method for receiving multiple ephemeral
15 terminations IDs to be taken out of service in a service
change message in accordance with claim 13, wherein the
step of receiving a service change message comprises
receiving a service change message in accordance with the
ITU-T H.248 standard.

20 15. A method for receiving multiple ephemeral
terminations IDs to be taken out of service in a service
change message in accordance with claim 13, wherein the
step of extracting the multiple ephemeral termination IDs
25 comprises utilizing the extension field of the service
change message.

16. A method for receiving multiple ephemeral
terminations IDs to be taken out of service in a service
30 change message in accordance with claim 13, wherein the
step of extracting the multiple ephemeral termination IDs
comprises extracting a list of termination
identifications that correspond to the plurality of
ephemeral termination IDs that are to be taken out of
35 service.

17. A method for receiving multiple ephemeral terminations IDs to be taken out of service in a service change message in accordance with claim 13, wherein the
5 step of extracting the multiple ephemeral termination IDs comprises extracting a range of termination identifications that correspond to the plurality of ephemeral termination IDs that are to be taken out of service.

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18. A method for receiving multiple ephemeral terminations IDs to be taken out of service in a service change message in accordance with claim 13, wherein the
step of extracting the multiple ephemeral termination IDs
15 comprises extracting a range of termination identifications and list of termination identifications that correspond to the plurality of ephemeral termination IDs that are to be taken out of service